

U.S. ENVIRONMENTAL PROTECTION AGENCY  
POLLUTION/SITUATION REPORT  
Hurricane Sandy - Polrep/Sitrep



**UNITED STATES ENVIRONMENTAL PROTECTION AGENCY  
Region II**

**Subject:** **SITREP #25**  
**Operations Continue**  
**Hurricane Sandy**

**Edison, NJ**  
**Latitude: 40.4494047 Longitude: -74.4379073**

**To:** Michael Hoppe, USEPA Region 02, ERD-RPB

**Thru:** REOC Deputy Regional Incident Coordinators, Christopher Jimenez (NJ) Laura Casillas (NJ) Anne Kelly (NY) Neil Norrell (NY)

**From:** REOC Situation Unit Leader, Josie Clark (Day Operations) Chris Gallo (Night Operations)

**Date:** 11/21/2012

**Reporting Period:** 0700 hrs 11/21/12 thru 1900 hrs 11/21/12

**Executive Summary**

**Executive Summary**

Teams in New Jersey collected orphan containers in Monmouth County around Union Beach. The teams also manned the Lakewood Staging Area, as well as relocated the Monmouth Staging Pad to the back end of the EPA R2 property. This will be a convenient location because NJ collection teams return to the R2 office each evening.

An OSC spent the day reaching out to county HazMat and Emergency Management officials to ensure they had no additional orphan container concerns. EPA divided up the shore area of New Jersey into 1.6 mile by 1.6 mile grids. Between visual inspections of the impacted area and conversations with local officials, EPA has determined that 93% of these grids no longer need assistance with hazmat.

Curbside pickup of HHW has begun in New York City. The EPA PIO is coordinating with NY DEP and NY OEM to get the message out to residents that they should separate HHW at the curb. EPA understands that Department of Sanitation workers are being instructed to take debris, but will leave HHW behind. Therefore, EPA intends to coordinate HHW collection with Department of Sanitation trucks so EPA can come within a day after the City collects debris.

With the shift to collecting HHW curbside in NYC, EPA will no longer be segregating HHW from the large comingled debris piles. The crews that have been picking through debris at Jacob Riis, Father Capodanno and Fresh Kills will be turned into curbside collection crews.

The ERRS crew that was segregating debris at the Port of Albany has ended that effort as is returning to Edison today. EPA is no longer working outside of the declared counties.

EPA continued to coordinate with USACE, NYSDEC, NYCDEP, and EPA R2 Air Pollution Branch regarding the potential curtain burning of vegetative debris that is currently staged at Floyd Bennett Field. The city has decided to go ahead with a test curtain burn of the chipped wood. This burn will likely happen Monday or Tuesday. EPA has a signed QAPP for air monitoring that we are ready to implement once the burn begins. It is anticipated that the chipped wood will be both burned and trucked for re-use to remove the material as rapidly as possible.

The total number of containers of hazardous materials collected in NY and NJ to date is 49,457.

**1. Introduction**

**1.1 Background**

**Site Number:**

**D.O. Number:**

**Response Authority:** Stafford Act

**Response Lead:** FEMA

**Contract Number:**

**Action Memo Date:**

**Response Type:** Emergency

**Incident Category:** Removal Action

<b>NPL Status:</b>	Non NPL	<b>Operable Unit:</b>	
<b>Mobilization Date:</b>	10/29/2012	<b>Start Date:</b>	10/29/2012
<b>Demob Date:</b>		<b>Completion Date:</b>	
<b>CERCLIS ID:</b>		<b>RCRIS ID:</b>	
<b>ERNS No.:</b>		<b>State Notification:</b>	

### 1.1.1 Incident Category

Hurricane Disaster Response

### 1.1.2 Site Description

#### 1.1.2.1 Location

Ten counties were originally declared eligible for Public Assistance in New Jersey: Atlantic, Cape May, Essex, Hudson, Middlesex, Monmouth, Ocean, Somerset, Bergen, and Union. On November 5, 2012 FEMA declared the remaining New Jersey counties eligible for public assistance: Cumberland, Salem, Gloucester, Camden, Burlington, Mercer, Hunterdon, Warren, Morris, Sussex, and Passaic.

Nine counties have been declared as eligible for Public Assistance in New York State: Bronx, Kings, Nassau, New York, Queens, Richmond, Rockland, Westchester, and Suffolk.

#### 1.1.2.2 Description of Threat

Releases of oil and chemicals as a direct result of high winds and flooding. Damage to facilities located within the impacted area have the potential to transport containers, waste, and process equipment that may contain hazardous materials. High winds from hurricane Sandy have caused transformer poles to fall and substations to catch fire and cause additional hazards throughout communities. Storm surges along the coast line and inner waterways have moved sand, sediments, and sludge into residential and business properties. Several coastal communities have reported widespread devastation.

### 1.1.3 Preliminary Removal Assessment/Removal Site Inspection Results

Preliminary Removal Assessments and Site Inspections were not formally conducted at all EPA sites. Project managers took numerous steps at Superfund Sites in efforts to prepare for Hurricane Sandy. Damage assessments continue at EPA Sites as waters recede, power is restored, and managers are able to access their sites and regulated facilities.

## 1.2 Incident Objectives

### Incident Objectives

- 1) The health and safety of our responders is the highest priority.
- 2) Ensure health and safety of the public by conducting environmental assessments, controlling hazards, and operating in accordance with the approved site safety and quality assurance sampling plans.
- 3) Assess needs and support the sustained operation of public drinking water facilities impacted by the storm. This is the agency's current operational priority. Assess needs and support the sustained operation of waste water facilities impacted by the storm.
- 4) Conduct aggressive air, ground and water recon and investigation activities to identify active and potential pollution targets, as well as confirm extent of hurricane damage to oil and chemical facilities and critical infrastructure.
- 5) Rapidly control, contain and mitigate all sources of pollution threatening or impacting public health and the environment, to include the navigable waterways. Coordinate actions with the States.
- 6) Manage a coordinated response effort with local, state, federal and industry partners and ensure adherence to policies, practices and plans of each. Assure that all stakeholders are informed of response activities and enhance proactive media and community outreach programs.
- 7) Manage a financial system that ensures accurate, efficient and effective accounting of resources continually monitor ESF #10 funds and adjust operations as needed.
- 8) Pursue and deploy any resources needed to support and sustain agency missions.

## 1.3 Critical Resource Needs

### Critical Resource Needs

Critical Needs to maintain operational status and projected operational goals are being coordinated through the Resource Unit Leader. EPA is working closely with local, state, and federal partners to coordinate critical needs of facilities that have been impacted. The majority of needs from drinking water and wastewater facilities are the supply of fuel to maintain and operating status. Although a function of Emergency Support Function #3, EPA was been requested to assist in support these needs. Liaison Officers in the FEMA JFOs continue to coordinate with other ESF partners on addressing these needs.

## 1.4 Strategic Considerations

### Strategic Considerations

- 1) Develop work products, deliver necessary briefings, and arrange field oversight to ensure the health and safety of responders.
- 2) Ensure staffing adjustments meet current operational needs.
- 3) Provide direct work and/or technical support to collect HHW.
- 4) Provide technical assistance to local and State governments on debris removal, including options to maximize recycling and composting.
- 5) Coordinate efforts with States to identify needs and resolve issues.
- 6) The PVSC and MUCA waste water facility responses are a high priority.
- 7) Assure timely and accurate data management to enhance the operational function of the ESF #10 response effort with a high emphasis on drinking water and waste water reporting.
- 8) Accurately document ESF #10 response actions and ensure it is captured in appropriate official repositories.
- 9) Support the regional and national public affairs needs to provide effective messaging.

## 2. Current Activities

### 2.1 Operations Section

#### DIVISION NEW JERSEY

Eight counties were initially declared eligible for Public Assistance in New Jersey. Two additional counties, Cumberland and Hudson, were added on 3 November, 2012. On 5 November, 2012 FEMA declared all remaining New Jersey counties eligible for Public Assistance.

#### NEW JERSEY RESPONSE ACTIONS

Field operations were focused on providing continued support by the Waste Water Assessment Teams to two large waste water treatment facilities in Middlesex and Essex Counties; Hazmat Assessments in Monmouth, Somerset, Warren, Passaic, Morris, Mercer, Hunterdon, Camden, Sussex, Gloucester, and Burlington Counties; Mitigation Support in Ocean and Monmouth Counties.

#### Hazmat Assessment Team (NJ)

EPA OSCs conducted phone assessments of locations mainly in northern New Jersey. Locations were called and messages were left at the Burlington County Health Department (CHD), the Gloucester County Office of Emergency Management (OEM), and the Sussex County OEM.

The following locations were called and the counties reported no issues. The Camden CHD, Hunterdon CHD, Mercer County OEM, Morris County Hazmat office, Passaic County Sheriff's Department, Warren County OEM, and the Somerset County Hazmat Office.

#### Monmouth County

OSCs met with Monmouth County Hazmat team to discuss operations for the day. Teams mobilized to areas in Aberdeen, Union, and Port Monmouth Beach for assessment. EPA, Hazmat team, and NJDEP surveyed the beach and adjacent streets. Upon approval from NJDEP, ERRS collected identified orphan containers.

#### Hazmat Mitigation Team (NJ)

#### Ocean County

One Hazmat Mitigation Team traveled to the Lakewood Pad. The team observed and documented items that were brought in and managed the containers on site.

#### Monmouth County

Three mitigation teams were deployed to Monmouth County locations including Rumson, Sea Bright, South Amboy, Union Beach, Aberdeen, Keansburg, and Middletown. The teams removed several items including propane tanks, heating oil tanks, and 55 gallon drums. The three teams collectively pumped approximately 1000 gallons of liquid waste from miscellaneous containers.

### Water Sampling (NJ)

A water sampling team consisting of two SERAS and one RST were deployed via boat ops to ten locations in the NY Harbor area two of which were near Waste Water facility effluent locations. Samples were collected at all ten locations and prepared for shipment to the laboratory.

### Wastewater Facilities (NJ)

#### Passaic Valley Sewerage Commission (PVSC)

Passaic Valley Sewerage Commission (PVSC) continues to make significant progress towards restoration of the facility to pre-storm removal efficiencies. ERRS continued power-washing operations in the final clarifier galleries. These activities are being conducted in coordination with PVSC to augment cleanout of the impacted tunnels and basements.

On 11/21, USEPA ERT Henry Gerard along with SERAS returned to the PVSC Facility for the continued management of the hydrogen sulfide monitoring of the sludge de-watering. In preparation for the holiday, the units were replaced with fully charged batteries to assure continued sampling. Also, the off-site monitors in Jersey City, Newark and Ironbound were visited for maintenance. Upon return to the PVSC facility the de-watering activity area was screened and the values obtained were between 6-13ppb with three centrifuges in operation. At 1500 another screening was performed in the activity area and the value obtained was between 6-8ppb. The action level is 30ppb TWA. As of 1700 all monitors were in operation and there were no alarms observed during the twenty-four hour sampling cycle.

#### Middlesex County Utility Authority

Cleaning status as of 11-21-12: EPA completed steam-washing activities in the middle tier of the Sayreville Relief Pump Station (SRPS) and began steam washing the SRPS bottom floor. It is anticipated that the cleaning of the SRPS bottom tier will require another 10-14 days to complete.

Pumping Status: MCUA continues to take all measures to minimize pumping to the Washington Canal (a tributary of the Raritan River System). MCUA experienced failure in one 3 MGD pump from 0030 – 0530 today causing approximately 600,000 gallons to be pumped directly into the Canal. MCUA continues to work to alleviate possible sources of pumping inefficiencies; however similar pump failures can be expected to occur periodically in the temporary by-pass system until permanent repairs are completed and the Sayreville Pump Station returns to normal operations.

NY Incident Summary Table – There are minimal Sandy related calls coming in to the NRC. EPA is receiving approximately 1-3 of these each day. The table summarizing the Number of Notifications to EPA via the NRC will be discontinued.

<b>New Jersey Hazardous Waste Summary *</b>								
Operational Period: 11/21/2012								
Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op- Period Totals	Location Cumulative Totals
Vineland Container Storage Facility	0	0	0	0	0	0	0	24
Lakewood HHW	11	0	1	0	0	0	12	106
<b>Daily Total</b>	<b>12</b>							
<b>Cumulative Total</b>	<b>130</b>							

\* All Counts Based on Initial Intake Location

## **NEW YORK RESPONSE ACTIONS**

### **New York City**

#### Assessment Teams (NY)

In USCG Sector New York, eight EPA contractors and one OSC were onsite to assist USCG with hazmat assessments along the shoreline. EPA continues to coordinate with USCG, NJDEP, NYSDEC, and NYCDEP.

EPA assessment teams conducted assessment activities in two areas in the Bronx, Hunt's Point and Point Morris, to address a resident's concern about residual toxicity of sediment from flooding around the Harlem River Rail yard. Assessment teams found no debris or signs of flooding with the exception of a few areas directly on the riverfront. No sediment or debris that can be attributed to flooding was observed along the streets. Minor debris at two parks was observed; Barretto Park and Hunts Point Riverside Park.

## **NYC Debris Management Plan**

Curbside pickup of HHW has begun in New York City. The EPA PIO is coordinating with NY DEP and NY OEM to get the message out to residents that they should separate HHW at the curb. EPA understands that Department of Sanitation workers are being instructed to take debris, but leave HHW behind. Therefore, EPA intends to coordinate HHW collection with Department of Sanitation trucks so EPA can come within a day after the City. At this point, EPA intends to conduct this coordination between borough Chiefs and OSCs in the field. The EPA OSC charged with Jacob Riis Park will meet at 0600 tomorrow morning with the Queens Department of Sanitation in charge of the debris pick up to begin this coordination. Staten Island has been contacted and per the Chief's request an email was sent outlining operations. EPA is still trying to contact Brooklyn.

EPA visited Growes landfill in Pennsylvania yesterday. They are accepting material, and doing some separation of hazardous waste. This set up is similar in function and quality to Seneca Meadows.

NYC has contracted Ashbritt to remove and store abandoned vehicles. Ashbritt will be handling the administrative process of notifying owners and insurance companies for final disposition. The USACE will be handling the demolition of any abandoned vehicles. EPA is in contact with the city and USACE to view the plan for final disposition.

### ***Jacob Riis Park (Queens)***

HHW continued to be collected, segregated, and staged for transportation and disposal at the Jacob Riis HHW collection site. Approximately 5,000 cubic yards of debris material was sifted for HHW. EPA recovery teams began HHW curbside collection activities in Breezy Point and Hamilton Beach. Prior to the start of work, ERRS coordinated with ECC to identify the areas where ECC contractors would be collecting storm debris from curbside. EPA has been told that ECC contractors are sorting the debris and segregating HHW for EPA retrieval.

EPA pile segregation operations moved yesterday at the direction of ECC who indicated that loading out would begin imminently on that pile. At approximately 1000 hours today, NYC Department of Sanitation contractor Tully requested EPA operations to relocate again.

The EPA staff met with representatives of the USACE and their contractor ECC to discuss issues of truck traffic in the area where ERRS is sorting through the pile. EPA also requested and received agreement on a designated staging area, away from traffic, where EPA will construct an HHW receiving pad. At the direction of the Region 2 RIC EPA, Riis Park operations will transition to an HHW receiving pad accepting HHW from three EPA curbside collection crews who will work out of Riis Park. Today is the last day crews will attempt to segregate HHW for the large comingled debris piles.

### ***Fresh Kills Landfill (Staten Island)***

Staging and segregation of HHW continued in the NYC Department of Sanitation indoor garage building at Fresh Kills Plant #1, utilizing containment cells consisting of poly sheeting and absorbent boom. Compressed gas cylinders were collected in an outdoor staging area. Plant #1 continued to receive orphaned containers collected by ERRS and NYCDEP personnel from all five NYC boroughs and to stage them for characterization and disposal. The first scheduled off-site shipment for disposal is scheduled for 11/26. This first shipment will consist of latex paint.

An EPA recovery team began curbside HHW collection on Staten Island and transported this material to Fresh Kills Area #1 for segregation, packaging and disposal. ERRS will be shipping white good materials to a local metal recycler. This material was mistakenly left behind by ACOE and their contractor when operations were terminated at Area #2 (barge loading area).

### ***Father Capodanno (Staten Island)***

HHW collection and segregation operations continued at the Father Capodanno dump site. ERRS separated 277 containers during this time period for HHW disposal.

HHW collection at Father Capodanno Transfer Station will be shutting down and will begin moving into a HHW curbside pickup role. All collection operations from this site will be moved to Fresh Kills Landfill.

### ***Floyd Bennett Field (Brooklyn)***

EPA continued to coordinate with USACE, NYSDEC, NYCDEP, and EPA R2 Air Pollution Branch regarding the potential curtain burning of vegetative debris that is currently staged at Floyd Bennett Field. The city has decided to go ahead with a test curtain burn of the chipped wood. This burn will likely happen Monday or Tuesday. EPA has a signed QAPP for air monitoring that we are ready to implement once the burn begins.

While waiting for the results of the curtain burn test, USACE will continue trucking the chipped material for beneficial re-use.

This will continue daily and next week it should slightly increase to 1,200 CY/day. It is anticipated that the chipped wood will be both burned and trucked for re-use to remove the material as rapidly as possible.

### ***Port of Albany and Port of Coeymans***

Removal of HHW and orphaned containers from barges at the Port of Coeymans has been cancelled. The Albany Division

has been disbanded. EPA and ERRS crew and equipment demobilized today.

#### **Rockaways Beach Sand Reuse at the Mariner's Beach Park (NO CHANGE)**

Due to Hurricane Sandy, a large volume of beach sand washed into the Rockaways community, creating significant sand disposal problems. The City of New York has proposed to reuse some of the sand as capping material for the Mariner's March Park cleanup project. The City intends to use EPA brownfields cleanup grant funds to truck compliant sand to Mariner's Marsh Park from the Rockaways. This would allow the City to build more park area, between 2.5 and 5 acres instead of 0.4 acres as originally planned. The City has submitted a beach sand reuse plan to NYSDEC for review and approval. Approximately 30 sand samples were collected by EPA on 11/16/12. Sample results are expected on 11/21/12 and 11/23/12. The data will be validated over the weekend. EPA anticipates releasing the results on Monday, 11/26/12.

#### **Nassau County**

EPA continues to work with NYSDEC and local officials in responding to reports of orphaned containers, primarily along the waterfront. EPA recovery teams continue HHW collection in Long Beach. HHW/oil collected is being logged at the staging pad in Lido Beach. To date, 24 one-yard boxes full of HHW have been transported to Staten Island. EPA will be consolidating waste from Nassau County at Jacob Riis Park going forward.

#### **Suffolk County**

The initial helicopter over flight to identify orphaned containers along the coast has been completed; however, may be resumed with OEM personnel at a later date. The Suffolk County Police Department Aviation Unit will continue full support.

EPA recovery teams continued utilizing four HHW staging pads in Babylon, Islip, Riverhead, and Patchogue for HHW curbside and orphaned container collection and drop off. In Babylon and Islip a chemist was onsite for hazard characterization. In Riverhead, HHW curbside collection will resume on Saturday 11/24/12.

<b>New York Hazardous Waste Summary *</b> Operational Period: 11/21/2012								
<b>Location</b>	<b>Drums</b>	<b>Propane Tanks</b>	<b>Cylinders</b>	<b>Containers (6-54 Gal)</b>	<b>Other (Large)</b>	<b>Small Containers (&lt;5 gal)</b>	<b>Op- Period Totals</b>	<b>Location Cumulative Totals</b>
Cedar Grove Staging Area	0	0	0	0	0	0	0	284
Fr. Capadano Park, Staten Island	0	28	2	0	0	0	30	2117
Fresh Kills Landfill Plant #1	0	0	0	0	0	0	0	361
Fresh Kills Landfill Plant #2	3	5	3	0	0	73	84	2187
Islip Multipurpose Recycling Facility	2	0	0	0	0	136	138	619
Jacob Riis Park, Queens, NY	0	21	4	5	0	459	489	5287
Nickerson Park	6	52	74	0	0	3175	3307	28886
Old Bethpage Landfill and Recycling Center	0	0	0	0	0	0	1	2047
Patchogue WWTP	0	0	0	0	0	0	0	538
Patchogue WWTP (Mastic Beach)	0	0	0	0	0	61	61	617
Riverhead Collection Area	0	0	0	0	0	0	0	84
Port of Coeymans	0	0	0	0	0	0	0	101
Venetian Shores Park	1	0	0	2	2	398	403	6199
<b>Daily Total</b>	<b>4513</b>							
<b>Cumulative Total</b>	<b>49327</b>							

<b>Cumulative Hazardous Waste Summary *</b> Operational Period: 11/21/2012
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Location	Drums	Propane Tanks	Cylinders	Containers (6-54 Gal)	Other (Large)	Small Containers (<5 gal)	Op- Period Totals	State Cumulative
New York	12	106	83	7	2	4302	4513	49327
New Jersey	11	0	1	0	0	0	12	130
Op-Period Totals	23	106	84	7	2	4302	4524	
Cumulative Totals	252	971	689	352	88	47822		
Daily Total	4524							
Grand Cumulative	49457							

\* All Counts Based on Initial Intake Locations

#### REGULATED FACILITIES (NO CHANGE)

A spreadsheet has been developed to track the status of facilities possibly impacted by Hurricane Sandy. This information includes facility contact person information, latitude and longitude, and description of release circumstances and cleanup efforts, and whether any EPA assistance is requested. The marker for EPA assistance is whether a regulated substance has been released into navigable waters and/or the environment

The following table summarizes phone calls and emails in targeted impacted areas of New Jersey and New York.

**NY Incident Summary Table** – There are minimal Sandy related calls coming in to the NRC. EPA is receiving approximately 1-3 of these each day. The table summarizing the Number of Notifications to EPA via the NRC will be discontinued.

Regulatory Program	Number of Facilities Contacted	Number of Facilities Reached	Report of Facility Releases
FRP	67	63	4
RMP	30	28	0
SPCC, Marinas, & Other Oil	265	255	0
<b>Total</b>	362	346	4

The  
four  
FRP  
facilit  
that  
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are the Kinder Morgan Carteret Terminal, Phillips 66 Bayway, EH Werner, and the Motiva Sewaren facility. These sites are actively addressed with NJDEP and USCG. An OSC has visited Phillips 66 Bayway and Motiva Sewaren to monitor cleanup efforts and provide assistance.

In addition to an email distribution by the New York Marine Trades Association and Marine Trades Association of New Jersey to over 425 members, the Region is actively involved in contacting and reaching potentially impacted marinas via telephone and emails. Marinas are being reminded to contact the NRC to report spills, sheens, and lost oil tanks and containers. The Region is evaluating all marinas damage assessment responses in order to determine appropriate follow-up.

Damage assessment results have been received, via email, by most registered RMP and FRP facilities in New Jersey and New York. The Region is evaluating all damage assessment responses in order to determine appropriate follow-up.

Compliance assistance concerns are being actively addressed for RMP, FRP, SPCC, Marinas, and Other Oil facilities.

#### RCRA Corrective Action

State/County	Facilities	Facilities Contacted by EPA or State	Facilities Visited by EPA	Issues Reported by Facility, State or EPA
<b>New Jersey (1A) –</b>  <b>Middlesex, Monmouth, Union, Passaic, Somerset, Hudson, Bergen, and Essex Counties</b>  <b>(Subset of EPA-lead facilities)</b>	<b>55 (6)</b>	<b>49 (6)</b>	<b>8 (6)</b>	<b>9 (1)</b>
<b>New Jersey (1B) – storm surge areas in Salem, Burlington, Gloucester, and Camden Counties</b>	<b>17 (6)</b>	<b>15 (6)</b>	<b>5 (5)</b>	<b>1 (1)</b>

<i>(Subset of EPA-lead facilities)</i>				
<b>New Jersey (2) – facilities in other counties/non-storm surge areas</b>	<b>34 (1)</b>	<b>32 (1)</b>	<b>1 (1)</b>	<b>0 (0)</b>
<i>(Subset of EPA-lead facilities)</i>				
<b>New Jersey Totals</b>	<b>106 (13)</b>	<b>96 (13)</b>	<b>14 (12)</b>	<b>9 (2)</b>
<i>(Subset of EPA-lead facilities)</i>				
<b>New York (1) - All NYC, Nassau, Suffolk, Westchester, and Rockland Counties</b>	<b>37</b>	<b>37</b>	<b>37</b>	<b>3</b>
<b>New York (2) – Ulster, Sullivan, Orange and Putnam Counties</b>	<b>16</b>	<b>12</b>	<b>12</b>	<b>1</b>
<b>New York Totals</b>	<b>53</b>	<b>49</b>	<b>49</b>	<b>4</b>

Today CASD deployed two teams (2 corrective action project managers per team) to assess priority RCRA corrective action facilities in Orange and Ulster County. Combined, the two teams assessed 12 facilities; 3 in Ulster County (1033 Kings Highway/Saugerties, Industrial Environmental Systems/Mount Marion, Ametek Rotron/Woodstock) and 9 in Orange County (USMA/West Point, Cornwall Properties/Mountainville, Summit Research Labs/Huguenot, C&D Technologies/Huguenot, D&W Furniture/Cornwall, Nepera/Harriman, Revere Smelting and Refining/Middletown, Georgia Pacific/Warwick, Dynegey Danskammer Generating Station/Newburgh). Four facilities in Ulster County remain to be assessed.

No issues were reported or observed at the facilities visited today, with the exception of the Dynegey Danskammer Generating Station in Newburgh on the Hudson River, where the storm surge caused a spill incident which was investigated by the Coast Guard, the Regional Response Center and NYSDEC. The facility is currently in a "Maintenance Shutdown Mode" [unoperational]. The main part of the facility (further away from the Hudson) where hazardous waste is stored was not impacted and had no issues; however, the building that houses Turbine 4 located directly along the Hudson was flooded. Water levels as 9 feet were reached inside the basement. Although the main oil tank inside the basement was not breached, other equipment containing oil was flooded. Additionally, an oily sheen has been observed on the surface water inside the Cooling Water Intake Reservoir, suggesting that some quantity of oil may have been discharged to the river. Oily water collected during cleanup and debris are currently stored on-site in three large Frac Tanks and a dumpster.

#### **DECA Information for 11/21/12 Situation Report**

##### Underground Storage Tanks:

**Summary of DECA UST personnel in field: 11/21/12:** The following EPA UST inspectors are assigned to perform UST assessments in Nassau County today: Paul Sacker/Rebecca Jamison; Charles Zafonte/Joel Martin; Peter Misluk/Margaret Halley.

**Summary of Site Assessments:** Up to 11/20/12: Total of 433 UST assessments completed, 126 require follow up assessments and/or compliance inspections. 131 assessments are federally regulated UST facilities in Evacuation Zone A areas of Staten Island, Queens/Rockaways, Bronx, and Brooklyn/Coney Island, 5 of the NYC assessments are > 50,000 gallon backup generator USTs on Staten Island and Lower Manhattan; 212 assessments are federally regulated USTs at retail and non-retail facilities in the storm surge zone of Nassau County; 63 assessments are federally regulated USTs at retail and non-retail facilities in the storm surge zone of Suffolk County; 22 assessments are federally regulated USTs at retail facilities in the storm surge zone of Westchester County; 4 assessments are retail USTs in the storm surge zone of Rockland County.

		<b>NYC</b>	<b>Nassau</b>	<b>Suffolk</b>	<b>Westchester</b>	<b>Rockland</b>	<b>Total</b>
Universe		<b>138</b>	<b>274</b>	<b>68</b>	<b>26</b>	<b>4</b>	<b>510</b>
No Power		31	21	1	1	0	<b>54</b>
Facility Not Operating		32	56	6	0	3	<b>97</b>
Facility Was Flooded		66	104	26	11	3	<b>210</b>
Storm Damaged Facility		51	69	18	6	3	<b>147</b>
Storm Damaged UST							

	Yes	16	8	3	2	1	<b>30</b>
	Unknown	20	43	5	2	1	<b>71</b>
UST Spills		6	10	1	0	0	<b>17</b>
Require Follow-up		46	68	6	5	1	<b>126</b>
<b>Total Visited</b>		<b>131</b>	<b>212</b>	<b>63</b>	<b>23</b>	<b>4</b>	<b>433</b>

#### Major Observations:

**Coney Island Hospital:** Hospital registered USTs were sound. 1 UST registered to the hospital and operated by NYFD-EMT appears abandoned and unsecured with diesel fuel. Dispenser is locked.

**Staten Island Yacht Sales & Marina:** USTs could not be located; dispensers destroyed.

**NYPD 60<sup>th</sup> Police Precinct 2951 W 8<sup>th</sup> Street, Brooklyn NY 11224:** Facility heavily damaged and not operational. Recently installed USTs not assessed by operator, lowest priority for facility.

**Verizon Wireless 140 West St. Manhattan:** basement with backup generator USTs flooded; release reported and responded to by NYSDEC.

**55 Water St. Manhattan:** basement with backup generator USTs flooded; release reported and responded to by NYSDEC.

**Oak Wood Beach STP, Staten Island:** gasoline USTs not operational due to dispenser malfunction.

**Oyster Bay Marine Center:** Release from UST to secondary containment. Spill reported. No apparent release to the environment.

On 11/15/12 NJDEP reported that they have assessed between 300 – 400 facilities and have not identified serious problems. Some impacted areas on barrier islands remain inaccessible.

NJDEP reported the following UST Activities for Northern Region.

Total # Facilities 113 Site visits – 12 were follow ups - 101 Individual sites					
Total Needing Assistance					
Total Not Operating		Operating on Grid		Operating on Generator	
50		47		4	
Flooded		Flooded	11	Flooded	0
	27				
No Power	23	No Power		No Power	
Flooded tanks 3 sites had water in UST					

NJDEP also reported that in Ocean County, 62 site visits were performed and 33 facilities were not operating due to power loss.

#### Large Quantity Generators (LQG):

**Summary of DECA LQG personnel in field on 11/21/12:** No teams were in the field on 11/21/12.

**Summary of LQG Site Assessments:** Up through 11/20/12:

State	Universe	Visited	Reached via phone	Problems
NY	63*	56	6	5
NJ	404	0	8	1

\*EPA portion of universe of 124 facilities. 59 facilities being assessed by NYSDEC.

**Identified Problems:****1. Kinder Morgan Liquid Terminals, 4101 Arthur Kill Road, Staten Island**

Four 55-gallon drums of waste lost. (one of which was D001/D018 hazardous waste - solvent soaked rags, the other three were non-hazardous well purge water) Facility unsure of whether this was reported to the spill response center - we have reported this to the EPA incident command. Also lost 15 5-gallon pails of unknown product, some but not all of which were recovered. Wilfredo Palamino was also present at the site for corrective action assessment. Facility also lost hazardous waste documents.

**2. Kinder Morgan, Carteret, NJ**

Facility not visited but EPA inspector was informed that several large tanks had floated up, were damaged and had released their contents.

**3. New York University – Hospitals Center and School of Medicine, NYC**

Cellar and basement flooded. EPA unable to complete assessment of basement hazardous waste storage area. Oil spill from 6,000 gallon fuel oil tank was reported to the NY State Hotline (report# 1208025).

**4. Forsythe Cosmetics, Freeport, NY**

Approximately 50 Gallons of nail polish was released to secondary containment in an explosion proof storage room and subsequently cleaned and manifested off-site as hazardous waste. Fire Marshall inspected before and after. Facility will call NY Spill Hotline per EPA direction to see if they will issue a spill number.

**5. Gateway National Recreation Area, NY**

Sewage pumping system damaged. Unknown whether untreated sewage being released to Jamaica Bay. Information referred to water enforcement and the deputy RICs.

**6. Con Edison, East River Generating Station, NY**

Facility flooded causing tank to float and release 900 gallons of sodium hypochlorite. Release was reported as non-hazardous to Con Ed HQ, but unknown if Con Ed HQ reported the release.

**Summary of Pesticide Producing Manufacturers Assessments (up to noon 11/21/12):**

State	Universe	Contacted via Phone	Reached via Phone	Problems
NY	75*	75	75	0
NJ	187	186	133	1
Total	272	271	207	1

\* Ten NY facilities were confirmed to be out of business so the universe was reduced accordingly.

**Identified Problem:**

Company: Mid Continent Packaging/Alden Leeds located at 55 Jacobus Ave, Kearny, NJ; telephone 973-589-3544, contact Mark Epstein, VP Operations. They manufacture pool chemicals. As a result of fire and storm surge from hurricane, they have several hundred tons of pool chemicals that are contaminated. They contacted Hadar Camargo of the NJDEP/OEM. Mr. Epstein requested federal assistance since the chemicals are unsecured.

**Air Major Facilities in NY:**

**Summary of DECA Air personnel in field on 11/21/12:** 7 air inspectors total in field on 11/21/12. Teams are as follows:

Team 1: Daniel Manasia and Michael Mallner will be in Staten Island, NY. Team 2: Harish Patel and Victor Tu will be in Bronx, NY. Team 3: Steve Carrea and Richard Kan will be Brooklyn, NY. Team 4: Ralph Lonergan will be in New York, NY.

**Summary of CAA Majors Facility Assessments: Up through 11/20/12:**

State	Universe	Visited	Problems
NY	200*	35	17

\*Universe increased to include additional facilities. Original universe of 39 was Evacuation Zone A.

**Identified Problems:**

1. Brooklyn Navy Yard Cogen Plant—although no air emission issues identified, the facility's CEMS, circuit breakers, etc. are being evaluated due to flood damage. Plant was placed offline before the storm, and does not plan to come back online until next year.

2. Gowanus Generating Station—Facility has been offline since the hurricane. The facility experienced a small diesel fuel leak (estimated 20 gallons). Most was recovered with an oil spill containment boom. The administrative office flooded.
3. Pratt Paper on Staten Island—The facility suffered physical and electrical damages. The facility's substation received the most damage. 150 motors, 65 pumps, and 100 electrical controllers have been replaced, allowing the facility to operate at 75% capacity.
4. Metro Terminal—The office of this terminal was flooded during the storm and more than 3 feet of water contaminated with raw sewage entered the office and damaged computers and other electronic instruments. This terminal is now ready to receive gasoline from the pipeline and soon will be able to load up the trucks with gasoline. Facility lost some environmental records.
5. Carbo Industries Inc.—Water collected between the concrete and tank wall. The pumps were under water and had to be repaired before use. NYSDEC issued a NAA for the TV for a few weeks.
6. Kinder Morgan Liquids LLC— The facility had experienced significant damage and they have not been operating. The facility gets power from the grid and only has two emergency generators to operate the fire pumps. There was no other combustion equipment operating. The facility plans to begin gasoline and diesel loading and unloading operations again in the next few days. Due to the electrical damage, they do not expect to have the vapor recovery system operating. A copy of the NAA letter was provided to a facility representative. ACB plans to follow up with the terminal to ensure that the conditions laid out in the NAA are being followed.
7. Warbasse Houses & Power Plant, Brooklyn, NY— During the storm, they had a floor on the first floor, approximately 1 foot high. The water damaged some auxiliary equipment on the first floor but nothing on the second floor. The storm water also damaged the transformer located in the basement. Currently, they are operating on external generators.
8. National Grid—Far Rockaway Station— The facility has been shut down since July 2012. During the storm the property was inundated with 6 feet of water, destroying pumps and electrical equipment. There are no replacement plans as the facility is scheduled to be demolished. All fuel and oil storage tanks have been empty since the summer, and the boilers and generators were not running at the time of the storm.
9. EF Barrett Power Station, Island Park, NY— Facility currently not operating. Sustained 2 feet of flood waters. This 2-unit 185 MW base-loading power plant operated by National Grid sustained damage in that a transformer blew when inundated by salt water. Unit #2 went offline when the transformer failed. They hope to bring Unit #2 back online the week of 11/19/2012.
10. Seville Central Mix--Flooded with three feet of water, only damage to the boiler that produces heat for the cementing mixture.
11. Global Companies LLC Inwood Terminal—facility is having problems, using emergency generator as there is no power. Also, needs terminal repairs in NJ to get barge delivery. Intend to revisit site.
12. Motiva Long Island Terminal Lawrence, New York— This facility is currently out of service but plans to come back online 1<sup>st</sup> week of Dec. Entire facility including office buildings, fuel storage tanks, and gas loading area was flooded with five feet of water. The sand foundation for tank #18 and another tank was partially eroded up to 5 feet due to

fast-moving flooding and has been repaired with grout. New liners have been installed in the 2<sup>nd</sup> containment. Extensive electrical damage through the facility and office buildings, including a transformer. Loss of paper and electronic records.

13. Rason Asphalt, Johnson Road, Lawrence, NY— Asphalt plant. No staff on site. Flooded with three feet of water. Not much electrical equipment observed at flood level. There may have been runoff of material piles.
14. Sims Metal East LLC –Queens Plant— The facility manager stated there was major flooding at the facility due to Sandy. The entire administrative office was being renovated and he mentioned there was salt water damage to some of their equipment. This facility primarily receives cars and white goods from larger suppliers. They receive cars mainly from licensed auto wreckers. They estimated that they receive approximately 20,000 tons/month in cars alone. The company's standard CFC procedure is to accept cars and white goods only from suppliers with whom they have a contract that requires the supplier to recover all CFCs. During the facility tour, we observed that the company did not follow its standard CFC procedure. We observed a delivery of cars from one of the suppliers (Plakos) and Sims failed to verify that this supplier had a valid contract prior to accepting their delivery. **(There are potential CFC violations here and we need to investigate further.)**
15. Gershow Recycling of Brooklyn Inc— Gershow accepts cars and white goods from both larger and individual suppliers. During the assessment, we observed numerous vans and pick-up trucks dropping off white goods onto a pile. The top of pile was about 20 ft. high. We observed suppliers dropping off goods and leaving without any Gershow inspection. The manager stated that all materials being dropped off are later inspected for ODS. The facility owns 1 evacuation unit. They had 3 canisters stationed with the evacuation unit (1 full). Manager stated that they do not verify with the supplier when they receive white goods with cut lines and/or missing compressors. We asked for proof of processing ODS after collection. They provided the latest receipt dated 10/22/2012. Could not produce equipment certification upon request. **(There are potential CFC violations here and we need to investigate further.)**
16. Global Terminal, Oyster Bay—Storm resulted in flooding the offices and damaged electronic equipments. It took five days to clean up the offices and then it started to operate.
17. Knickerbocker Village—The basement which was approximately 25 ft high was completely flooded to the ceiling. It took two weeks for them to pump the water and get two of the 3 boilers working again. The basement also had asbestos which the facility has hired contractors to evaluate to determine if removal is necessary.

**Summary of PCB Facility Assessments:**

NY Reported Transformer Releases*				
In the Affected Area				
Oct. 29, 2012 – Nov. 19, 2012				
*We are contacting the utilities for follow-up now that power restoration is complete.				
NYSDEC Spill Incidents Database				
	Universe <sup>+</sup>	Positive for PCBs	Negative for PCBs	Unknown for PCBs
<b>TOTAL</b>	<b>&gt;642</b>	<b>0</b>	<b>8</b>	<b>&gt;642</b>
Bronx	12			
Brooklyn	15			
Manhattan	22			
	Incl. a release of 1,300 gals.			
Nassau	95			
Orange	3		2	
Putnam	15		1	
Queens	25			
Rockland	75			

Staten Island	38			
	Incl. a release of 1,000 gals.			
Suffolk	43			
Sullivan	31		4	
Ulster	7			
Westchester	302		1	
Address unknown	15			
* There were several entries which stated that multiple poles/transformers were involved.				
NRC Incident Database				
	Universe	Positive for PCBs	Negative for PCBs	Unknown for PCBs
TOTAL	86	2	7	77
Bronx	3			3
Brooklyn	4	1*		3
Manhattan	1			1
Nassau	9	1^		8
Orange	1			1
Putnam	0			0
Queens	8		2	6
Rockland	6		1	5
Staten Island	7			7
Suffolk	2		1	1
Sullivan	2			2
Ulster	0			0
Westchester	43		3	40
* Caller stated that apx. 50 gals. of an unknown oil with a high PCB content was discovered in a manhole. Caller stated that the PCB content was 11,120 ppm.				
^ Caller stated that a transformer fell and discharged an unknown amount of transformer oil. Caller stated that the public utility service stated that they would not touch the oil because it contained PCB content.				
NJ Reported Transformer Releases#				
Universe	Confirmed PCB Release	Unknown for PCBs		Non-PCB
72	2	36		34
#We are attempting to gain access to NJDEP's internal RTK database so that we can update this information.				

## 2.2 Planning Section

### PLANNING

The Planning Section continues to organize operational status reports, plan for the next operational period, and assist with needs in support of operations. The utilization of FlexViewer continues to grow as more regulatory programs commence and continue assessments. EPA personnel working in various regional offices are able to view data, generate maps, and become aware of the Common Operating Picture. ASPECT imagery has been uploaded and is being used to determine additional areas of assessment for drinking water facilities, wastewater facilities, HHW reconnaissance points, orphaned container recovery efforts, location of EOCs, potential staging areas, etc. This imagery will also be used when assessments to determine changes of the NJ and NY coast lines commence.

### The Environmental Unit

## 1. Ambient Water Sampling

Newark Bay/NY Harbor - Wednesday Nov. 21, 2012 samples were collected using EPA Vessel Clean Waters to reassess bacteria levels in surface water. EPA Region 2 sampled the same locations as previously sampled on Nov. 11-13, 2012. Samples were delivered to the laboratory. Results are expected Friday 11/23/12.

## 2. PVSC air monitoring

All ten (10) H2S monitors on and off site sampled during the 24 hours cycle. No alarms were triggered, no exceedances were reported.

## 3. Floyd Bennett Field air monitoring

All eight (8) PM 2.5 monitors will be shut down beginning 11/22/12 through 11/25/12. Monitors will restart for pre-burn monitoring on Sunday 11/25/12.

Twenty four (24) pre-burn samples were collected from the site today and sent to the laboratory for VOCs, PAHs and metals analyses.

## 4. Ironbound/Passaic River

The EU rec'd Total Coliform and E.Coli data for the Ironbound and Passaic River samples. Chemical data is pending.

## 2.3 Logistics Section

### Logistics

Today we have been working with R2 Contract Officers (CO) to finalize details (number of rooms, confirmation numbers) for a hotel block in Edison at the Extended Stay. Logistics has been coordinating room availability with incoming OSCs. When Hurricane Sandy struck, many of the R2 fleet vehicles were loaned to the response. EPA programs now need their vehicles back. Logistics Chief has been inspecting, tracking and moving GSA vehicles to free up the R2 fleet vehicles.

## 2.4 Finance Section

### FINANCE

EPA continues to track costs and monitor funding levels against FEMA Mission Assignments. Current Mission Assignments and Estimated Expenditures and Daily Cost Burn as of 11/21/2012 @ 1330 hours;

Region, State	Agreement #, Current Expiration Date	Initial Agreement Date	Agreement Amount	Costs Incurred To Date	Estimated Burn Rate (\$/day)	Purpose
Region 2, New Jersey	4086DR-NJ-EPA-01, Expires 12/13/12	10/31/2012	\$400,000.00	\$337,152.92	\$15,325.13	ESF-10 EOC deployment and assessment assistance in NJ
Region 2, New Jersey	4086DR-NJ-EPA-02, Expires 12/10/12	11/2/2012	\$2,000,000.00	\$320,496.07	\$16,024.80	Drinking & Wastewater Assistance
Region 2, New Jersey	4086DR-NJ-EPA-03, Expires 12/10/12	11/4/2012	\$1,675,000.00	\$269,574.70	\$14,188.14	Technical Assistance for Environmental Assessments
Region 2 New Jersey	4086DR-NJ-EPA-04, Expires 03/02/13	11/3/2012	\$3,500,000.00	\$589,814.25	\$31,042.86	Direct Federal Assistance for oil/hazmat field ops
Region 2 New Jersey	4086DR-NJ-EPA-05, Expires 12/08/12	11/08/2012	\$1,275,000.00	\$458,341.43	\$35,257.03	REOC
Region 2 New York	4085DR-NY-EPA-02, Expires 12/30/12	11/04/2012	\$2,400,000.00	\$857,469.66	\$38,975.89	ESF-10 EOC deployment and assessment assistance in NY
Region 2 New York	4085DR-NY-EPA-01, Expires 12/01/12	11/2/2012	\$300,000.00	\$35,854.36	\$1,792.72	Drinking & Wastewater Assistance
Region	4085DR-NY-	11/7/2012	\$3,100,000.00	\$423,391.86	\$24,905.40	Technical Assistance

2 New York	EPA-04, Expires 12/04/12					for Environmental Assessments
Region 2 New York	4085DR-NY-EPA-03, Expires 12/01/12	11/7/2012	\$7,600,000.00	\$1,834,675.26	\$96,561.86	Direct Federal Assistance for oil/hazmat field ops
Region 2 New York	4085DR-NY-EPA-05, Expires 12/05/12	11/09/12	\$75,000.00	\$2,739.00	\$228.25	Dewatering Ops
TOTALS			\$22,330,000.00	\$5,139,890.10	\$205,595.60	

## 2.5 Other Command Staff

### 2.5.1 Safety Officer

Efforts are underway to collect and organize documents and emails produced by the Safety Unit for the Hurricane Response into the SDMS structure. A visit was made to Floyd Bennett Field to observe the site where the potential wood chip burn may take place. In addition, other site visits information was finalized. Also, CISM personnel was assisted in producing in-processing CISM fact sheets and a CISM program SOP was developed.

### 2.5.2 Liaison Officer

EPA continued to staff the ESF #10 desk at the NYS/FEMA JOC in Queens, NY. Activities there included monitoring the progress of outstanding MAs, and coordination ESF #10 activities with federal and state response partners.

EPA continued to staff the ESF #10 desk at the NJ/FEMA JFO. EPA participated in an interagency debris management call with FEMA, USACE, NJDEP, and NJOEM. It was determined on the call that New Jersey would handle debris, including HHW, from the local level up. Counties and cities will be eligible to apply to FEMA for reimbursement.

### 2.5.3 Information Officer

The PIO is David Kluesner and can be reached at 347-330-9439. A press release was issued today on HHW collection operations in NYC's five boroughs. A companion HHW flyer also was approved and ready for dissemination. The next data posting and dissemination is tentatively scheduled for Monday, November 26. Two CICs distributed general flood cleanup information and FAQ flyers in various locations in the Town of Hempstead, Nassau County, New York. The Information Office notified New Jersey stakeholders on Clean Waters sampling operations in Newark Bay / New Jersey portion of NY/NJ Harbor. The Information Office coordinated communications with the Ironbound resident whose basement was sampled on November 17. The resident has been contacted by both the NJ OPS section and the EPA Regional Community Liaison.

## 3. Participating Entities

### 3.1 Unified Command

Unified Command has been established in Staten Island with the United States Coast Guard Sector New York. Mission Assignments have been issued to USCG for assessment and mitigation along the shores of Staten Island. USCG is focused on conducting shoreline assessments and has requested EPA contractor support to assist in these investigations. EPA has a seat with the UC and is coordinating activities associated with very specific Mission Assignments. EPA is also coordinating efforts to have interior areas that may have also been impacted as a result of storm surge and high winds.

### 3.2 Cooperating Agencies

EPA is coordinating with a host of agencies on numerous efforts to assess, respond, recover, and mitigate environmental threats caused by Hurricane Sandy. Federal partners include FEMA, Army Corp. of Engineers, USCG, NOAA, and others. State agencies that EPA is coordinating efforts with include Departments of Health, Transportation, Sanitation, Parks, NYSDEC, NJDEP, Emergency Management, and others. County and local officials are also integrated in decision making and tactical assessments of situations.

## 4. Personnel On Site

Personnel on Site:

Region/State	Current  EPA Personnel In Field (All Venues other than EPA Offices)	Current  EPA Contractor Personnel In Field	EPA Personnel in REOC	Contractor Personnel in REOC	Total
Region 2			76	33	109
New York	19	145			164

<b>New Jersey</b>	13	42			55
<b>Total</b>	32	187	76	33	328

**Number of EPA Personnel Deployed to Region 2 - Hurricane Sandy**

	OSCs	RMs	PIOs	Water Specialists	GIS Specialists	RPMs	CICs	Other (field capable)	Other (not field capable)	Total by Region
<b>Region 1</b>	5	0	0	0	0	0	0	1	0	6
<b>Region 3</b>	8	0	0	0	0	0	0	1	1	10
<b>Region 4</b>	1	0	0	0	0	0	0	0	0	1
<b>Region 5</b>	2	0	0	0	0	0	0	0	0	2
<b>Region 6</b>	4	0	0	1	0	0	0	0	0	5
<b>Region 7</b>	2	0	0	0	0	0	0	0	0	2
<b>Region 8</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 9</b>	0	0	0	0	0	0	0	0	0	0
<b>Region 10</b>	0	0	0	0	0	0	0	1	1	2
<b>HQ</b>	0	0	0	0	0	0	0	0	0	0
<b>Special Teams</b>	0	0	0	0	0	1	0	0	2	4
<b>Total by job title</b>	22	0	0	1	1	0	0	5	3	32

## 5. Definition of Terms

### Definition of Terms

Assisting and Cooperating Agencies - Agencies who are assisting the EPA response, but are not a part of Unified Command.

E Goods - Electronic machines which contain hazardous components. Emergency Response - any activity undertaken by the Operations Section which mitigated an immediate threat to human health or the environment.

FRP - Facility Response Plan. Under the Clean Water Act, as amended by the Oil Pollution Act, a plan for responding, to the maximum extent practicable, to a worst case discharge, and to a substantial threat of such a discharge, of oil. Required by certain facilities that store and use large quantities of oil.

Household Hazardous Waste - Small quantity waste from households that contain corrosive, toxic, ignitable, or reactive ingredients is hazardous. This includes pesticides, paint, solvents, etc.

Hazardous Debris - Debris which contains compounds that make it inappropriate for municipal landfill disposal

Monitoring - Using equipment which will give limited real-time information about constituents in environmental media. This method is used most often for air and water testing.

RCRA - Resource Conservation and Recovery Act.

RMP- Risk Management Plan. Under the Clean Air Act, certain facilities with large quantities of toxic potentially air born chemicals whose releases may impact human populations are required to submit to EPA a plan for hazard assessment, prevention, and emergency response.

Sampling -The process of taking environmental media for analysis at a laboratory of its constituents. These tests may require multiple days to complete, but test for a wider array of constituents than monitors.

Small Container - any container with a potential capacity of less than 5 gallons.

TRI - Toxic Release Inventory - A publicly available EPA database that contains information on toxic chemical releases and other waste management activities reported annually by certain covered industry groups as well as federal facilities. This inventory was established under the Emergency Planning and Community Right-to-Know Act of 1986 (EPCRA) and expanded by the Pollution Prevention Act of 1990.

Unified Command - A structure based on the Incident Command System (ICS) that brings together the Incident Commanders of all major organizations involved in the incident in order to coordinate an effective response, while at the same time allowing each to carry out their own jurisdictional, legal, and functional responsibilities.

White Goods - Large home electronics such as refrigerators, washing machines, and dryers.

WW - Wastewater Treatment Facilities

## 6. Additional sources of information

It is believed that all community drinking water and wastewater treatment system assessments have been completed. Therefore, these data will no longer be reported.

### ADDITIONAL INFORMATION:

WEBSITE: <http://www.epaosc.org/HurricaneSandy>

### INSTRUCTIONS FOR EPAOSC.NET:

If you do not have a password or have never used the EPAOSC.net website before, you will need to click the login button on the top right of the web page. Once on the login page, you will need to click on REGISTER HERE, provide the information requested and submit. This submits your request to ERT, and they will generate a user ID and password for you to enter the private side of the Website. In less than 10 minutes after registering, you should receive an e-mail from ERT SUPPORT providing the information (login and password). At this point you can then enter the website: [www.epaosc.net](http://www.epaosc.net), click on log in, then enter your information. Once logged in, click on websites, then click on Region 2. The Hurricane Irene website should be one of the first ten websites that pop up, if not, you can scroll down to find the site. Click on Hurricane Sandy. Once on the site, you can navigate to the documents that will be stored there.

### **FlexViewer :**

WEBSITE: [http://www.epa.gov/geospatial/ermaps/Region2\\_HurricaneSandy/](http://www.epa.gov/geospatial/ermaps/Region2_HurricaneSandy/)

The EPA Region 2 Common Operating Picture is now available on FlexViewer. This interactive display is constant being updated with various information pertaining to assessments, resource locations, EOC locations, status of remedial/removal sites, water treatment facility locations, and many other. Individuals located within the EPA network may view the display and create their own maps, however the COP located in the Situation Unit adjusts to the needs of the operations.

If you find that you are having trouble viewing the website, please contact the EPA duty officer at (732) 906-6850

EPA Edison REOC

732-906-6850

Afterhours Notifications, National Response Center (NRC)	800-424-8802
Deputy Regional Incident Commander (DRIC) for NY, Neil Norrell	908-420-4512
Deputy Regional Incident Commander (DRIC) for NY, Anne Kelly	212-637-4397
Deputy Regional Incident Commander (DRIC) for NJ, Christopher Jimenez	908-420-4484
Deputy Regional Incident Commander (DRIC) for NJ, Laura Casillas	215-779-4898
FEMA IMAT (Albany), Michael Solecki, OSC	908-420-4501

NJ EOC (Trenton), Carl Pellegrino, OSC	908- 420-4491
FEMA RRCC(Colts Neck), Steve Touw, OSC	908-420-4458
NYC OEM (Brooklyn), Margaret Chong, OSC	908-420-4477
UC USCG (Staten Island), Ellen Banner	908-420-4462

### **REPORTING SCHEDULE**

Situation Reports are due out at 2300 hrs at the conclusion of that operational day.

## 7. Situational Reference Materials

Situation Reports for response activities in New Jersey and New York associated with Hurricane Sandy can be found at [www.epaosc.org/HurricaneSandy](http://www.epaosc.org/HurricaneSandy).